

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 689290.182		_	FOR FURTHER ACTION		e Notification of Transmittal of International Search Report Form PCT/ISA/220) as well as, where applicable, item 5 clow.	
International application No. PCT/US03/40701			International filing date (day/month/year) 19 December 2003 (19.12.2003)		(Earliest) Priority Date (day/month/year) 20 December 2002 (20.12.2002)	
	olicant ALON F	PHARMACEUTICALS				
			n prepared by this International S py is being transmitted to the Inte		Authority and is transmitted to the Bureau.	
This	s interna	ational search report consists It is also accompanied	of a total of <u>3</u> sheets. I by a copy of each prior art docu	ment cite	d in this report.	
1.	a. '		the international search was carried, unless otherwise indicated under		e basis of the international application in the	
		Authority (Rule 23.1(b)).	and/or amino acid sequence disc		e international application furnished to this te international application, the international	
	\boxtimes	contained in the internations	al application in written form.			
	\boxtimes	filed together with the interes	national application in computer rea	dable form	m.	
i		furnished subsequently to this Authority in written form.				
		furnished subsequently to th	is Authority in computer readable i	orm.		
		the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.				
		the statement that the information been furnished.	nation recorded in computer readab	le form is	identical to the written sequence listing has	
2.		Certain claims were found	unsearchable (See Box I).			
3.		Unity of invention is lacking	g (See Box II).			
4.	With r	egard to the title,				
		the text is approved as subm	• ••			
		the text has been established	by this Authority to read as follow	<i>r</i> s:		
5.	With re	egard to the abstract,				
		the text is approved as subm	itted by the applicant.		į	
					y as it appears in Box III. The applicant ch report, submit comments to this	
6. The figure of the drawings to be published with the abstract is Figure No.						
		as suggested by the applican	t.		None of the figures	
		because the applicant failed	to suggest a figure.			
		because this figure better cha	aracterizes the invention.			

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/40701

l .	A. CLASSIFICATION OF SUBJECT MATTER IDC(7) C12O 1/68: COIN 32/52 32/566: AOIN 61/00: A61K 20/205							
	IPC(7) : C12Q 1/68; G01N 33/53, 33/566; A01N 61/00; A61K 39/395 US CL : 435/6, 7.1; 436/501; 514/1; 424/138.1							
	According to International Patent Classification (IPC) or to both national classification and IPC							
B.		DS SEARCHED						
Min	Minimum documentation searched (classification system followed by classification symbols)							
	U.S.: 435/6, 7.1; 436/501; 514/1; 424/138.1							
-								
Doc	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
				· · · · · · · · · · · · · · · · · · ·				
Elec	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)							
	Please See Continuation Sheet							
C.	DOC	UMENTS CONSIDERED TO BE RELEVANT	.,					
	gory *	Citation of document, with indication, where a	nnronriate of the relevant nassages	Relevant to claim No.				
	Y	LEE et al. Two clases of proteins dependent on eit		1-59				
	•	hormone for interaction with the thyroid hormone is		1-39				
		1995, Vol. 9, No. 2, pages 243-254, see table 2, tr						
			-					
	Y	WO 02/061134 A2 (BOARD OF TRUSTEES OF T	THE UNIVERSITY OF ILLINOIS) 08	1, 21, 46				
		August 2002 (08.08.2002), see pages 7 and 8.						
	Y	CHANG et al. Molecular determinants of terminal		1-59				
		a chemotherapeutic agent. Proc. Natl. Acad. Sci. 0 389-394, see figure 2, last gene.						
		303-334, see figure 2, fast gene.						
	$_{\mathbf{Y}}$	US 6346,605 B1 (LEE et al) 12 February 2002 (12	.02.2002), see column 6. lines 30-45.	1-59				
	- 1	lines 52-67, column 12, lines 24-43.						
	Y	US 6,271,349 B1 (DOUGALL et al) 07 August 200	01 (07.08.2001), see column 2.	1-59				
	İ							
	Y	WO 00/18959 A1 (THE TRUSTEES OF COLUMN		1-59				
		NEW YORK) 06 April 2000 (06.04.2000), see enti	ire document.					
	Further	documents are listed in the continuation of Box C.	See patent family annex.					
-		ecial categories of cited documents:	"T" later document published after the inter	national filing date or priority				
	•	G	date and not in conflict with the applica	ation but cited to understand the				
"A"		defining the general state of the art which is not considered to be ar relevance	principle or theory underlying the inver	ition				
"E"	earlier ann	dication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered.					
_	• • •		when the document is taken alone	cu to involve an inventive step				
"L"		which may throw doubts on priority claim(s) or which is cited to ne publication date of another citation or other special reason (as	"Y" document of particular relevance; the c	laimed invention cannot be				
	specified)		considered to involve an inventive step	when the document is				
"O"	document	referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the					
"P"	dominant	published prior to the interpolical filling data but later than the	"&" document member of the same patent for	n-mile.				
r		published prior to the international filing date but later than the te claimed	"&" document member of the same patent for	amily				
Date	of the ac	tual completion of the international search	Date of mailing of the international sear	ch report				
		•	22 NOV 2004	- report				
		004 (28.10.2004)	A 1					
Name and mailing address of the ISA/US			Authorized officer					
Mail Stop PCT, Attn: ISA/US Commissioner for Patents			Jeffrey Fredman A. Roberto					
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Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230			1010phone 110. (5/1) 2/2-1000	v				

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INTERNATIONAL SEARCH REPORT	
Continuation of B. FIELDS SEARCHED Item 3: EAST, MEDLINE, CAPLUS, BIOSIS search terms: TRAF, TRIP, cancer, carcinogen, tumor, neoplastic, malignant, dr	ng, compound, screen, identify
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